

EPA ID#: 0402 System Name: The Niche Sanitary District

Sampler- Mr Ron Waterland Work Phone-
 Title- Water Manager
 Address- 801 Glover Street
 Sturgis SD 57785

Location- City: Black Hawk County: Meade
 Service Area- Trailer Court
 PWS Owner Type- Private Ownership
 Water Supply Type- Groundwater Supply

Population Served- 30 Service Connections- 25

Sources for The Niche Sanitary District

Source	Name	Year Built	Depth (feet)	Diameter (inches)	Availability	Type	Vulnerability	Treatment
01	TREAT SITE - #1				Permanent	Treatment Plant	Non-Vulnerable	Disinfection - Hypochlorites
04	#1	1974	480	4	Permanent	Groundwater	Vulnerable	Treatment At Plant

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Common Ion Data

(All chemical data are reported in milligrams per liter (mg/l) except pH and Langlier Index)

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO4	CO3	Hardness	Langlier	NO3	F
01	Raw	06/19/96	282	530	7.67	263	0	1	1.4	57.6	30.9	0.06	0.12	5.0	13	321	0	271	+0.35	0.3	0.96

Source	Type	Date	TDS	Conductance	pH	Alk-M	Alk-P	Na	K	Ca	Mg	Fe	Mn	Cl	SO4	HCO4	CO3	Hardness	Langlier	NO3	F
01	Treated	09/02/98	284	514	7.58	264	0	1	1.2	53.4	28.9	0.06	0.02	1.0	10	322	0	252	+0.23	0.3	0.28
04	Treated	04/03/02	259	492	7.85	264	0	2	1.3	50.1	29.5	0.05	0.05	1.0	10	322	0	247	+0.50	0.5	0.28
01	Treated	09/21/04	1070	1960	8.58	383	0	282	2.9	63.0	35.0	0.05	0.01	338.0	10	431	0	301	+1.46	0.6	0.29
01	Treated	05/13/08	295	545	7.84	255	0	3	1.3	55.9	30.9	0.05	0.01	4.8	42	311	0	267	+0.49	0.5	0.32
01	Treated	05/06/11	557	864	7.93	277	0	11	2.7	99.3	42.4	0.05	0.01	12.9	175	338	0	423	+0.87	3.6	0.28
Averages			493	875	7.96	289	0	60	1.9	64.3	33.3	0.05	0.02	71.5	50	345	0	298		1.1	0.29